

AMENDMENTS TO THE CLAIMS

Please amend the claims as follows:

1-6. (CANCELED)

7. (CURRENTLY AMENDED) An electronic camera, comprising:

an imaging device which converts an optical image into an analog image signal;

an A/D converter which converts the analog image signal outputted from the imaging device into a digital image signal;

an unprocessed data storing device which stores the digital image signal outputted from the A/D converter as unprocessed image data;

a signal processing device which processes the unprocessed image data read out from the unprocessed data storing device into a processed image data in accordance with an image property parameter;

an image property setting device through which an instruction is inputted to change data of the image property parameter;~~and~~

a display which displays an image represented by the processed image data processed by the signal processing device in accordance with the data of the image property parameter set with the image property setting device;

a compression process device which compresses the processed image data; and

a recording device which records the processed image data compressed by the compression process device in a recording medium,

wherein the display displays at least one of histogram, average level, peak level, and bottom level of the result of the image processing, which is processed according to the image property setting designated by a user, ~~and~~

wherein the image property setting device and the signal processing device work cooperatively to repeatedly query whether a user is satisfied with the processed image data, query for changes to the image property parameter in the event that the user is not satisfied, and process the unprocessed image data to produce a new processed image data in accordance with the correspondingly changed image property parameter until the user is satisfied, an image represented by the new processed image data is displayed on the display, and

wherein when the user is satisfied, the compression process device compresses image data corresponding to the processed image data displayed on the display and the recording device stores the compressed image data in the recording medium.

8. (PREVIOUSLY PRESENTED) An electronic camera, comprising:

an imaging device which converts an optical image into an analog image signal;

an A/D converter which converts the analog image signal outputted from the imaging device into a digital image signal;

a first buffer which stores the digital image signal outputted from the A/D converter as unprocessed image data;

a signal processing device which processes the unprocessed image data read out from the first buffer into a processed image data in accordance with an image property parameter;

a second buffer which stores processed image data outputted from the signal processing device;

an image property setting device through which an instruction is inputted to change data of the image property parameter; and

a display which displays an image represented by the processed image data processed by the signal processing device in accordance with the data of the image property parameter set with the image property setting device;

a compression process device which compresses the processed image data read from the second buffer; and

a recording device which records the processed image data compressed by the compression process device in a recording medium,

wherein the image property setting device and the signal processing device work cooperatively to repeatedly query whether a user is satisfied with the processed image data, query for changes to the image property parameter in the event that the user is not satisfied, and process the unprocessed image data to produce a new processed image data in accordance with the correspondingly changed image property parameter until the user is satisfied, the new processed image data being stored in the second buffer and an image represented by the new processed image data is displayed on the display, and

wherein when the user is satisfied, the compression device compresses image data corresponding to the processed image data read from the second buffer and the recording device stores the compressed image data in the recording medium.

9. (CURRENTLY AMENDED) An image processing method, comprising:

retrieving unprocessed data from an unprocessed data storage device;
processing the unprocessed data into processed image data based on imaging parameters;

querying whether a user is satisfied with the processed image data;
querying for changes to the imaging parameters in the event that the
user is not satisfied;
processing the unprocessed image data based on changes to the imaging
parameters;~~and~~
repeating the querying and processing steps until the user indicates
satisfaction; and
compressing the processed image data and storing the compressed image
data in a recording medium when the user indicates satisfaction.

10-11. (CANCELED)

12. (CURRENTLY AMENDED) The method of claim ~~10~~ 9, wherein the
recording medium is a removable memory medium.

13. (PREVIOUSLY PRESENTED) The method of claim 9, wherein the
imaging parameters include at least one of white balance, gradation, brightness,
tonality, and sharpness.

14. (PREVIOUSLY PRESENTED) The method of claim 13, further comprising displaying on a display an image corresponding to the processed image data, the imaging parameters, and at least one of a histogram average level, peak level, and bottom level of the processed image data.

15-19. (CANCELED)

20. (PREVIOUSLY PRESENTED) The method of claim 9, further comprising displaying on a display an image corresponding to the processed image data, the imaging parameters, and at least one of a histogram average level, peak level, and bottom level of the processed image data.

21-22. (CANCELED)

23. (NEW) The electronic camera of claim 7, wherein the unprocessed image data stored in the unprocessed image data storing device includes supplemental data that covers a defective pixel data.

24. (NEW) The electronic camera of claim 8, wherein the unprocessed image data stored in the first buffer includes supplemental data that covers a defective pixel data.

25. (NEW) The method claim 9, wherein the unprocessed image data stored in the unprocessed image data includes supplemental data that covers a defective pixel data.

26. (NEW) An electronic camera, comprising:
an imaging device which converts an optical image into an analog image signal;
an A/D converter which converts the analog image signal outputted from the imaging device into a digital image signal;
a first memory which stores a first image data that is outputted from the A/D converter as unprocessed image data after the conversion;
a signal processing device which processes the first image data read out from the first memory in accordance with an image property parameter;
an image property setting device through which an instruction is inputted to change data of the image property parameter;

a second memory which stores a second image data obtained by processing the first image data in the signal process device according to the data of the image property parameter set with the image property setting device;

a display which displays an image represented by the second image data stored in the second memory;

an instruction input device which inputs a recording instruction for the second image corresponding to the image displayed on the display to be recorded in a recording medium;

a compression process device which compresses the second image data according to the recording instruction from the instruction input device; and

a recording device which records the second image data compressed by the compression process device in the recording medium,

wherein when the recording instruction is not inputted by the instruction input device and the instruction to change data of the image property parameter is inputted by the image property setting device, a new second image data is produced by the signal processing device by processing the first image data according to the changed data of the image property parameter, the new second image data is stored in the second memory and an image represented

by the new second image data stored in the second memory is displayed on the display, and

wherein when the recording instruction is inputted by the instruction input device, the second image data corresponding to the image displayed on the display is compressed by the compression process device and recorded in the recording medium as compressed image data.

27. (NEW) The electronic camera of claim 7, further comprising:

an instruction input device which inputs a recording instruction for the processed image data corresponding to the image displayed on the display to be recorded in the recording medium,

wherein the instruction input device inputs the recording instruction when the user indicates satisfaction with the processed image data.

28. (NEW) The electronic camera of claim 27, further comprising:

a processed data storing device which stores the processed image data processed by the signal processing device,

wherein the display displays the image represented by the processed imaged data stored in the processed data storing device, and

wherein the compression process device compresses the processed image read data from the processed data storing device.

29. (NEW) The electronic camera of claim 7, wherein the recording medium is a removable memory medium.

30. (NEW) The electronic camera of claim 7, wherein the imaging parameter includes at least one of white balance, gradation, brightness, tonality, and sharpness.

31. (NEW) The electronic camera of claim 8, further comprising:
an instruction input device which inputs a recording instruction for the processed image data corresponding to the image displayed on the display to be recorded in the recording medium,

wherein the instruction input device inputs the recording instruction when the user indicates satisfaction with the processed image data.

32. (NEW) The electronic camera of claim 8, wherein the recording medium is a removable memory medium.

33. (NEW) The electronic camera of claim 8, wherein the imaging parameter includes at least one of white balance, gradation, brightness, tonality, and sharpness.

34. (NEW) The electronic camera of claim 26, wherein the recording medium is a removable memory medium.

35. (NEW) The electronic camera of claim 26, wherein the imaging parameter includes at least one of white balance, gradation, brightness, tonality, and sharpness.